



HF Happenings



South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iau.org www.iau-r1.org

April

1 - Family day; Pesach ends
4 - SARL 80 m QSO Party
5 to 7 - Bathurst Agricultural Show
6 - RaDAR Contest
8 - Coastal schools open
9 - Inland schools open
11 - Closing date May RAE; Hindi New Year
14 - Ironman SA, Port Elizabeth
18 - World Amateur Radio Day
20 - SARL Autumn QRP Contest; International Marconi Day; Barrels and Beards, Bot River
25 - Lunar eclipse
26 and 27 - SARL National Convention; Prince Albert Olive Festival; Mpumalanga Wine Show, Nelspruit
27 - Freedom Day
26 to 28 - Bedford Soul Food Festival
27 and 28 - Haenertsburg Kiwi Festival
26 to 29 - Africa Bike Week, Margate

May

18 and 19 - The Day of the YLs'



Issue: 553

April 2013

ICASA Council Approves Two 5 MHz Frequencies for the SARL

The ICASA Council has last week approved two 5 MHz frequencies for the South African Radio League to carry out propagation research. This is in response to the SARL's application for two channels to collect information about country wide propagation conditions on 5 MHz. The SARL expects the licenses to be issued this week.

The SARL applied for access to 5 MHz in 2010, 2011 and again in 2012. The licences are being issued for an 8 month period at a license fee of R2 900. At the end of the period the SARL can apply for an extension.

In the application the SARL told ICASA that while the propagation of signals are fairly well known for high power broadcasting, there is still quite a lot that can be learned by radio amateurs, especially on "inland" work away from the coastline.

Some years ago the then SOEKOR observed that on the Cape South-coast seawards of Mossel Bay in the late afternoon and early evenings 5 MHz will provide E-layer propagation for about an hour or two. This also occurred "up and down" the Outeniqua coastline. Propagation modelling showed that the E-layer at those times was between 110 and 80 km above the Earth, much lower than the F layer. As the signal path was much shorter, very strong signals could be obtained with relatively low ERP (effective radiated power). It would be interesting to see how far and wide this propagation mode does actually occur in South Africa.

The SARL is in the process of creating a special web page for the project. It is planned to schedule transmissions on one channel from various parts of South Africa at various times and radio amateurs will be requested to send in reception reports. The SARL is looking for volunteers in all parts of South Africa to transmit Amateur Radio Today at various times. If you like to be a transmitting station please send your details to artoday@sarl.org.za.

The second channel will be available for individual QSOs. To use the 5 MHz band, it will be required to register with the SARL. Details will be available on the web by this weekend.

There is an item on the WRC15 agenda requesting a permanent secondary allocation for amateur radio in the 5 MHz band. The SARL hopes through its propagation research project to contribute to the body of knowledge and to lobby for support by the delegations of South African, SADC and African Union countries to support the call for the new allocation.

Current Summits-on-the-Air (SOTA) activities are announced at
www.sotawatch.org
And more SOTA information can be found at www.sota.org.uk



SARL Youth Contest - 23 February 2013

This contest drew a lot of activity according to the call signs logged. 19 logs were received and the results are listed below.

Geoff Levey, ZS6GRL, the SARL Contest Manager says, "I would like to thank everyone who took the time out to give a contact to the youngsters."

1st - Dirk van Vuuren, ZS6DVV - 23 yrs - 103 points. Certificate and 2012 ARRL Handbook

2nd - Mitchell Mynhardt, ZS6YH - 15 yrs - 101 points. 40 metre Receiver Kit

3rd - Hendrik Veldman, ZU6LD - 16 yrs - 95 points

4th - Francois de Wet, ZS6SCR - 19 yrs - 88 points

5th - Tianna Kumar, ZS5LT - 12 yrs - 85 points

6th - Lucinda Shaw, ZS1LC - 15 yrs - 77 points

7th - Francois Reyneke, ZU6FR - 12 yrs - 73 points

8th - Frans Otto, ZS4FP - 20 yrs - 64 points

9th - Eduan Leighton, ZS6BNE - 7 yrs - 48 points

10th - Renier de Jager, ZU1K - 13 yrs - 41 points

11th - John Vorster HTS, ZS6JVT - 40 points

12th - Jadeed Stemmet, ZS2PE - 6 yrs - 39 points

12th - Mishkaat Stemmet, ZS2PE - 9 yrs - 39 points

12th - Charl-Juan van Jaarsveld, ZS2PE - 14 yrs - 39 points

15th - ZU Students, ZS1WRC - 34 points

16th - Nigel Burgess, ZR6NGB - 32 points

17th - Pieter Myburgh, ZS6PAM - 21 points

18th - Rickus Joubert, ZS6RIC - 16 points

19th - Derek Stuart, ZS2J - 14 points

The Lucky Draw winners are Eduan Leighton who operated ZS6BNE, he will receive an ARRL Antenna Book (Grandfather, it is his book!) and Renier de Jager, ZU1K, who receives a SARL Student membership and a RTA SDR Kit and CD. Congratulations to the winners.

SARL Autumn QRP Contest

The QRP contests are intended to be fun activities to promote QRP operation between radio amateurs. Using homebuilt equipment or operating as a portable / field station and using temporary antennas is encouraged, but is not a requirement.

The Autumn QRP Contest takes place on Saturday 20 April 2013 from 12:00 to 15:00 UTC.

General Info - Modes: SSB and CW; Power: 5 watts (PEP) output or less; A station may be worked once per band per mode; there are no antenna restrictions.

The first hour is limited to the 40m band only, the remaining two hours the contesters are free to use any HF (non-WARC) band as they see fit.

Comply with the contest preferred segments as detailed in the general rules. It would be advantageous to use the standard QRP calling frequencies as the starting point.

The exchange is a RS(T) report and Grid locator. Please consider exchanging realistic RS(T) signal reports. Please use the full 6-character grid locator. e.g. KG10xw. If the station's grid locator is unknown, then use some other means that identifies the station's location: E.g. the name of the closest town or city e.g.

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*Have you done
anything today
to Promote
Amateur Radio?*



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Kathu, or 25 km NW of Hofmeyer.

With DX contacts the locator information can be omitted, the RS(T) will suffice as the minimum required exchange as per the general rules

Each contact counts 1 point. Prefix/DXCC multiplier - each South African call area 1 through 9 counts as a multiplier and each DXCC country worked counts as a multiplier.

Station type multiplier - X 1 - for Home stations; X 2 - for Portable stations; X 3 - for ultra light portable field station.

The definitions listed in the general section of the SARL rules define the above stations types accurately. A mobile station will be treated as a field station. A portable station not meeting the requirements as a field station will be treated as a home station. Ultra light portable field station must comply with all the field station criteria, but the entire station, antenna included, must be carried by the operator to the operating site. The distance carried must not be less than 1 km.

Score = (QSO points) X (No of prefixes worked) X (Station multiplier)

E-mailed logs submitted in electronic form will be appreciated. In order of preference the following formats are requested:

Using the provided Excel worksheet (available on SARL forum or direct from the contest manager)

Send the logs in a text readable format i.e. Excel worksheet, ADIF or Cabrillo format.

In all cases please fill out the normal minimum data fields: Date, Time, Call sign of station worked, Mode, RS(T) sent, Exchange sent, RS(T) received, Exchange received and optionally a Comment field.

If the logging program does not have a field for "contest exchange" or the alternative contest exchange is too long and does not fit in the provided entry field, then log that exchange info in the comment field.

Logs shall be submitted within 7 days after the contest to contest@sarl.org.za

GAREC-2013 - June, Zurich, Switzerland

The Global Amateur Radio Emergency Conference (GAREC) www.iau.org/garec.html is an annual event attended by those with an interest in Amateur Radio emergency communications, training and disaster response.

This year, GAREC returns to International Amateur Radio Union Region 1 and will be held in Zurich, Switzerland from 25 to 27 June. The conference has been scheduled to precede Europe's largest Amateur Radio exhibition *HAM RADIO* in Friedrichshafen, Germany so that attendees can enjoy both events. Information on the venue, registration fees, the tentative agenda and the registration form can be found here: <http://www.garec2013.ch/>. This conference will be open to all radio amateurs. - *Stefan L. Streif, HB9TTQ, IARU Liaison Officer, Emergency Communications Co-ordinator*

Batteries

Just read the article on batteries in the last issue [The ARES E-Letter.] The article addresses rechargeable batteries and calls them an energy source. Rechargeable batteries are limited energy storage devices. So, why is this important? In a major event when recharging is not an option (read widespread power failures), rechargeable batteries become paperweights very quickly. Emergency communicators should be looking at primary cells, like alkaline

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"QRP contests are intended to be fun activities to promote QRP operation ..."



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cells, which can be stored for years at a time at room temperature. They work reliably. They work independently of other energy sources. Many hand held radios have battery packs to accommodate AA's or other sizes.

Another option is to adapt to what's lying around. If radio amateurs set up their various radios (especially hand held radios) to work with, say, 12 VDC sources, all kinds of options pop up. For example, the 12 VDC battery in a car or truck can be used, even if the vehicle itself has been wrecked. Granted, it's not convenient to haul a car battery along with hand held radios, but one can keep a station on the air for quite a long time at, say, a shelter. They can even be used to recharge lower voltage NiCd, NiMH, and Lithium ion batteries! We need to be flexible and adaptable. There are many other options also.

Something else to keep in mind: widespread power outages often last from just a few days to a few months (remember the aftermath of hurricane Hugo in South Carolina?) We need to be prepared for long-term outages to be useful over the long haul. - Art Feller, W4ART, retired Communications Officer, Office of US Foreign Disaster Assistance, Agency for International Development, US Department of State, Arlington, Virginia

ZB2TEN beacon is now fully operational on 28,169.70 MHz

It consists of a modified Midland CB radio, modified, programmed and donated to the Gibraltar Amateur Radio Society by a visiting amateur radio friend, Edmondo Conetta, VA3ITA.

The antenna for this beacon is a 1/4 wave vertical donated by John, ZB2JK.

This new beacon is now installed at the GARS club house at Coaling Island Queensway, (Grid Locator: IM76hd), and has an output of no more than 4 watts. For further details, you can find more information on Qrz.com, as well as on Facebook under the Gibraltar Amateur Radio Society. Reception reports are also welcomed.

73, Ron, ZB2B

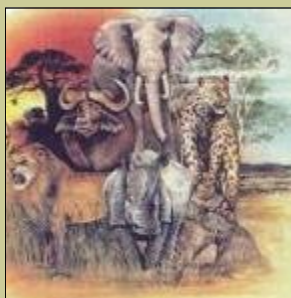
African DX

Roger, LA4GHA, is now active from Kenya and Somalia while on work assignment for UNODC in East Africa. He will be active as 5Z4/LA4GHA from Nairobi, Kenya (Grid Loc KI88) and as 6OOLA from Garowe, Puntland, Somalia (WW Loc LJ48fi), depending on deployment, until December 2014. Roger is active on 160 - 6 metre CW, SSB and Digital modes, when time permits. QSL via LA4GHA, bureau or direct and LoTW

Senegal 6W. Luc, F5RAV will be active again as 6V7T from Senegal from 26 April to 5 May. He will operate SSB and PSK and will participate in the Helvetia Contest (27-28 April). QSL via home call, direct only.

Mauritania, 5T1. Look for Jean, 5TOJL (ON8RA), to be active as 5T1FOC during the month of May. Activity is to celebrate the 75th anniversary of FOC (First Class CW Operators' Club). The l'Autorité de Régulation, National Council of Regulation in Mauritania (ARE) on 10 March issued the special license. For more details on the FOC, visit <http://www.g4foc.org>. There will be other special FOC call signs on during the month of May, as well as a special award available. See the Web page above for more details.

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Tanzania, 5H. NODXA member Byron, KF8UN, will be active as 5H3BB from here between 2 and 20 August. He will be there on a safari with his YL Sandy, K8FUN. Activity is possible on 40 - 15 metres, but mostly 20 metres and on SSB with some CW. He will use an IC-706 into a mag mount vertical and/or dipole. QSL via his home call sign direct.

African Islands

Tanzania, 5H. Bodo, DF8DX will be active from Tanzania on 20 - 28 April. His tentative itinerary is as follows:

20 April - 5H1DX/3 - Dar es Salaam

21 April - 5H1DX/3 - Bongoyo Island (AF-075), from 09:00 to 19:00 UTC

22 - 26 April - 5H1DX - Pemba Island (AF-063)

26 - 28 April - 5H1DX - Zanzibar (AF-032)

He will operate mainly CW on the IOTA frequencies, with 100 watts and vertical antennas. QSL via DF8DX and LoTW.

Mozambique, C9. Reinhard, DL6DQW is now active as C98RF from the Inhambane island group, IOTA AS-072. Activity of late has been on 12 meters from 16:00 to 17:00 UTC. QSL to home call.

MADEIRA ISLANDS, CT9. Operators Costantino, IW2NXD and Antonio, IK2ZJR, will be active as CT9/home call from Madeira Island (AF-014) between 12 and 20 May. Activity will be "holiday style." If time permits, they will operate CW, SSB and PSK31. QSL via the Bureau to their home call signs.

Canary Islands, EE8. Luis, EA8AY, will be active as EE8X from Tenerife Island (IOTA AF-004, DIE S-012, WLOTA 1276, EAA TF) during the CQ WW WPX CW Contest on 25 and 26 May as a Single-Op/All-band entry. QSL via W2GR. Visit his Web site at <http://www.ea8ay.com/ef8x2/index.html>

Chagos, VQ9/VQ93/VQ975. Jim, ND9M, is once again active as VQ9JC from Diego Garcia until sometime in July. He is expected to use the special call sign VQ975FOC during the month of May to celebrate the 75th anniversary of the FOC (First Class CW Operators' Club). Also, look for Jim to be active as VQ93JC between 22 June and 7 July. He usually activates a unique/special prefix each year (last year it was VQ92JC).

As mentioned several months ago, Jim is operating Field Day style from a recreational park using a FT-857 at 100 watts to a dipole at a height of 10 meters because the VQ9 club station has been shut down. Jim reports that he has to set up the station each time and then break it down each day which further limits his operating time typically to 12:30 - 16:15 UTC on most days. Sometimes he is on Fridays starting as early as 08:30. QSL via ND9M.

Marion Island, ZS8. Operators Carson, ZR6CWI (ZS8C) and David, ZS1BCE (ZS8Z) reportedly have departed Cape Town on 10 April to head to Marion Island. It was announced this week that there might be two more operators onboard the ship to Marion. Nadia (Carson's girlfriend) and Marius (the team's diesel mechanic) are hoping to write the RAE and get their amateur radio licences. This means there will eventually be four active amateurs on Marion Island during the next year. Carson

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and David are expected to be active around mid-May once the ship departs with the old team back to Cape Town. As mentioned in previous bulletins, activity will be on 40-10 meters (No 160 or 80 m) using mainly SSB and the Digital modes. QSL Manager is Pierre, ZS1HF.

Amsterdam Islands, FT5Z. The Amsterdam Island DXpedition Web site is now active and available on-line at <http://www.amsterdamdx.org>

This and That

YUDX Contest 2013

We invite you to participate in YUDX Contest 2013 that will take place on 20 and 21 April. The YUDX Contest being organised on the third full weekend of April each year.

We will communicate during two periods of 8 hours each with 4 hours break, only CW on all HF bands. The exchange is a little bit different comparing to previous years - instead of exchanging the IARU zone; we will exchange the serial number of the QSO. The number of awards has been doubled. Multipliers are only YU-YT prefixes now.

For more information, please see <http://yudx.yu1srs.org.rs/2013/rules.html>

We apologize for a delay in processing the results of the last two years; the reasons were both of human and technical nature. The awards and diplomas for 2011 and 2012 were sent to the winners.

The results can be found at <http://yudx.yu1srs.org.rs/yudx2011res.htm> and <http://yudx.yu1srs.org.rs/yudx2012res.htm>

Let us meet in YUDX Contest 2013, YUDX Contest Committee - YU1KX, YU1Q, YU1LG, YU0W



Dutch National Windmill and Water pump station Weekend

PD13MILL will be active on 10 to 12 May 2013. Operators Frank, PD5JFK, Mark, PD0ME, and Bernard, PD7BZ, will have 3 Stations active at the same time on 10, 20 and 40 metres and also on the 2 metre band. They will be active on SSB and the Digimodes. Qsl via PD7BZ, all QSOs will be confirmed automatic via the QSL Bureau, LoTW and eQSL. More information can be found at www.pd7bz/pd13mill. Information on the Awards and Mills on the Air can be found at www.pd6mill.com

Contest Calendar

RSGB 80m Club Championship, Data
19:00 - 20:30 UTC 18 April

Mode: RTTY, PSK

Bands: 80 m Only

Classes: (none)

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 25 April 2013

Upload log at: <http://www.vhfcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsgbcc.org/hf/rules/2013/r80mcc.shtml>

NCCC RTTY Sprint

01:30 - 02:00 UTC 19 April

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 April 2013

E-mail logs to: (none)

Post log summary at:

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 15 to 15 April 2013



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<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>

Holyland DX Contest

21:00 UTC 19 April to 21:00 UTC 20 April

Mode: CW, SSB, Digital

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - CW, SSB, Digital or Mixed; Single Op QRP; Multi-Single; SWL

Max power: non-QRP: >10 watts; QRP: 10 watts

Exchange: 4X: RS(T) and area ; non-4X: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: 2 points per QSO on 160 - 40 m; 1 point per QSO on 20 - 10 m

Multipliers: Each 4X area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 31 May 2013

E-mail logs to: 4Z4KXX@gmail.com

Mail logs to: Contest Manager 4Z4KX, Israel Amateur Radio Club, Box 17600, Tel Aviv 61176, Israel

Find rules at: <http://www.iarc.org/~4z1pf/HOLYLAND%20CONTEST%202012%20RESULTS.pdf>

TARA Skirmish Digital Prefix Contest

00:00 - 23:59 UTC 20 April

Mode: PSK, RTTY, Hell, MFSK, MT63, Throb, ASCII, SSTV, Domino EX, ALE400, Packet

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: High; Low; Great; QRP; SWL

Max power: High: legal limit; Low: 100 W; Great: 20 W; QRP: 5W

Exchange: Name and prefix

Work stations: Once per band

Multipliers: Each prefix once

Power mult: high = x 5, low = x 10, great = x 20, QRP = x 30

Score Calculation: Total score = total QSOs x total prefixes x power mult

Submit logs by: 18 May 2013

E-mail logs to: (none)

Post log summary at: http://n2ty.org/seasons/tara_dpx_score.html

Mail logs to: (none)

Find rules at: http://www.n2ty.org/seasons/tara_dpx_rules.html

ES Open HF Championship: 05:00 - 05:59 UTC, 06:00 - 06:59 UTC, 07:00 - 07:59 UTC and 08:00 - 08:59 UTC 20 April

Mode: CW, SSB

Bands: 80, 40 m

Classes: Single Op Mixed; Single Op CW; Single Op SSB; Multi-Single; SWL

Exchange: RS(T) and serial no

Work stations: Once per band per contest period

QSO Points: 2 points per CW QSO; 1 point per SSB QSO

Multipliers: Each ES region prefix (ES1 - ES0) once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 May 2013

E-mail logs to: esopen@erau.ee

Mail logs to: (none)

Find rules at: <http://www.erau.ee/index.php?Itemid=94>

Worked All Provinces of China DX Contest

06:00 UTC 20 April to 05:59 UTC 21 April

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10m

Classes: Single Op All Band - CW, SSB or Mixed - QRP, low or high; Single Op All Band One Element Antenna - CW, SSB or Mixed - QRP or low; Single Op Field Day Mixed QRP; Multi-Op DXpedition; Mixed High; Multi-Op Field Day Mixed Low

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: BY: RS(T) and 2-character province; non-BY: RS(T) and serial no

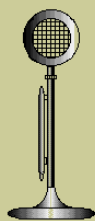
Work stations: Once per band per mode

QSO Points: (see rules)

Multipliers: Each BY province once per band; Each DXCC country once per band



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Score Calculation: Total score = total QSO points x total mults

Submit logs by: 28 April 2013

E-mail logs to: mulandxc@gmail.com

Mail logs to: (none)

Find rules at:

<http://www.mulandxc.org/wp-content/uploads/2013/03/WAPC-Rules-V2013.pdf>

Nebraska QSO Party

11:00 UTC 20 April to 17:00 UTC 21 April

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Single Op; Multi-Single; Mobile

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: NE: RS(T) and county; non-NE: RS(T) and - state, province or country

Work stations: Once per band per mode per NE county

QSO Points: 1 point per phone QSO; 2 points per CW or digital QSO

Multipliers: NE Stations: Each NE county, state, province, DXCC country once

Non-NE: Each county once

Power: High: x 1, Low: x 2, QRP: x 3

Score Calculation: Total score = total QSO points x total mults x power mult

Submit logs by: 15 May 2013

E-mail logs to: ReynoldsD1@aol.com

Mail logs to: 2013 NE QSO Party, 3901 South 42nd Street, Lincoln, NE 68506-4212, USA

Find rules at: <http://www.qcwa.org/chapter025-rules-ne-qsl-party.pdf>

CQ Manchester Mineira DX Contest

12:00 UTC 20 April to 23:59 UTC 21 April

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band (QRP/Low/High); Single Op Single Band; Multi-Single

Max power: High: 1 500 watts; Low: 100 watts; QRP: 5 watts

Exchange: All: RST and continent abbreviation; CWJF members: RST, continent and "M"; QRP: RST, continent and "Q"; YL: RST, continent and "Y"; Multi-Op, Clubs, Groups: RST, continent and "G"

Work stations: Once per band

QSO Points: 1 point per QSO with same country; 2 points per QSO on 20 - 10 m with different country same continent; 4 points per QSO on 80 - 40 m with different country same continent; 3 points per QSO on 20 - 10 m with different continent; 6 points per QSO on 80 - 40 m with different continent; 3 points per QSO with maritime mobile; 10 points per QSO with CWJF member, YL or QRP station

Multipliers: Each SA prefix once per band; Each DXCC country once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 May 2013

E-mail logs to: cwjf@cqmmdx.com

Mail logs to: CWJF Group, PO Box 410, Juiz de Fora - MG 36001-970, Brazil

Find rules at:

http://www.powerline.com.br/cwjf/Regulamento_Inq.pdf

EU Spring SSB Sprint

16:00 - 19:59 UTC 20 April

Mode: SSB

Bands: 80, 40, 20 m

Classes: Single Op - low or high

Max power: HP: >100 W; LP: 100 W

Exchange: your call sign, other station's call sign, serial no and name

Work stations: Once per band

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 5 May 2013

E-mail logs to: eusprint@kkn.net

Mail logs to: Hrvoje Horvat, 9A6XX, 25 Rujan 4, HR-52000 Pazin, Croatia

Find rules at: <http://www.eusprint.com/index.php?page=140&lang=g>

Michigan QSO Party

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16:00 UTC 20 April to 04:00 UTC 21 April

Mode: CW, SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Multi-Single; Multi-Multi; Mobile Solo Op - LP only; Mobile Multi-Op - LP only; MI EOC

Max power: HP: >100 W; LP: 100 W; QRP: 5 W

Exchange: MI: Serial no and county; non-MI: Serial no and state, province or "DX"

Work stations: Once per band per mode

QSO Points: 1 point per SSB QSO; 2 points per CW QSO

Multipliers: MI Stations: Each state, province and MI county once per mode; non-MI Stations: Each MI county once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 May 2013

E-mail logs to: logs@miqp.org

Mail logs to: Mad River Radio Club, c/o Dave Prueett, 2727 Harris Road, Ypsilanti, MI 48198, USA

Find rules at:

<http://www.miqp.org/Rules.htm>

EA-QRP CW Contest

17:00 - 20:00 UTC 20 April (20 - 10 m) and 20:00 - 23:00 UTC 20 April (80 m) and 07:00 - 11:00 UTC 21 April (40 m) and 11:00 - 13:00 UTC 21 April (20 - 10 m)

Mode: CW

Bands: 80, 40, 20, 15, 10 m

Classes: A: Single Op QRPp; B: Single Op QRP

Max power: QRP: 5 watts; QRPp: 1 watt

Exchange: RST, 1-letter category and "M" (if EA-QRP member)

Work stations: Once per band

QSO Points: 1 points per QSO with same country; 2 points per QSO with same continent; 4 points per QSO with different continent; 5 points per QSO with category A station

Multipliers: Each EA-QRP member once per band; Each country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 21 May 2013

E-mail logs to: eaqrp_test@yahoo.es

Mail logs to: EAQRP Contests Investigation Board; PO Box No 17, 16080 Basin, Spain

Find rules at:

<http://www.eaqrp.com/index.php/actividades/concurso/2-uncategorised/149-concurso-de-telegrafia-2013>

North Dakota QSO Party

18:00 UTC 20 April to 18:00 UTC 21 April

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Fixed; Mobile; Out of State

Exchange: ND: RS(T) and County; non-ND: RS(T) and state, province or country

Work stations: Once per band per mode

QSO Points: 1 point per QSO

Multipliers: ND Stations: each state, country and ND county once; Non-ND Stations: each ND county once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 May 2013

E-mail logs to: wOnd@arrl.org

Mail logs to: WOND, c/o Lynn Nelson, 6940 4th St. SW, Minot, ND 58701, USA

Find rules at:

<http://www.k0ln.com/ndqsop13.pdf>

Ontario QSO Party

18:00 UTC 20 April to 05:00 UTC 21 April and 12:00 - 18:00 UTC 21 April

Mode: CW, Phone

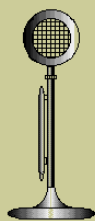
Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Fixed: Multi-Single; Fixed: Multi-Two; Fixed: Multi-Multi; Fixed: Single Op - QRP, low or high; Fixed: Single Op CW - low or high; Fixed: Single Op Phone - low or high; Rover/Mobile: Multi-Op; Rover/Mobile: Single Op

Max power: HP: >150 W; LP: 150 W; QRP: 5 W



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Exchange: ON: RS(T) and county; non-ON: RST and state, province or country

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points CW QSO; Bonus: 300 points for each ON multiplier activated by a Rover/Mobile (at least 3 QSOs with 3 different stations); 10 points per QSO with VA3CCO, VE3ODX or VA3RAC

Multipliers: ON Stations: Each ON county, state, province and country once per band; non-ON Stations: each ON county once per band

Score Calculation: Total score = (total QSO points x total mults) and Bonus Points

Submit logs by: 18 May 2013

Upload log at: <http://www.va3cco.com/oqp/submitlog.htm>

Mail logs to: Contest Club Ontario, PO Box 93149, Burlington, Ontario L7M 4A3, Canada

Find rules at:

<http://www.va3cco.com/oqp/rules.htm>

South Dakota QSO Party

18:00 UTC 20 April to 18:00 UTC 21 April

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2 m

Classes: Fixed All Band - CW, Phone, Digital or Mixed - high, low or QRP; Fixed Single Band - CW, Phone, Digital or Mixed - high, low or QRP; Rover All Band - CW, Phone, Digital or Mixed - high, low or QRP; Rover Single Band - CW, Phone, Digital or Mixed - high, low or QRP

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: SD: RS(T) and county; non-SD: RS(T) and state, province or country

Work stations: Once per band per mode per county

QSO Points: 2 points per phone QSO; 4 points per CW QSO; 4 points per digital QSO

Multipliers: SD: Each SD county, state, province, or country once only; non-SD: Each SD county once only

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 1 June 2013

E-mail logs to: SDQP@kd0s.com

Mail logs to: (none)

Find rules at:

http://www.dtdxcc.org/main2/SD_QSO_Party_files/2013SDQP.pdf

Feld Hell Sprint

20:00 - 22:00 UTC 20 April

Mode: Feld Hell

Bands: 160, 80, 40, 20, 15, 10 m

Classes: (none)

Max power: Standard: 100 watts; QRP: 5 watts

Exchange: (see rules)

Work stations: Once per band

QSO Points: (see rules)

Bonus Points: (see rules)

Multipliers: (see rules)

Score Calculation: (see rules)

Submit logs by: 27 April 2013

E-mail logs to: kj8o@wowway.com

Mail logs to: (none)

Find rules at:

<https://sites.google.com/site/feldhellclub/Home/contests/sprint-rules>

YU DX Contest

21:00 UTC 20 April to 05:00 UTC 21 April and 09:00 - 17:00 UTC 21 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Lower Bands - QRP, low or high; Upper Bands - QRP, low or high

Max power: HP: legal limit; LP: 100 watts; QRP: 5 watts

Exchange: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO with same country; 2 points per QSO with same continent; 4 points per QSO with different continent

Multipliers: Each YU or YT prefix once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 6 May 2013

E-mail logs to: yudx@yu1srs.org.rs

(Continued on page 11)



HF Happenings

HF Happenings-
subscribe@yahoo.com

(Continued from page 10)

Mail logs to: (none)

Find rules at:

<http://www.yudx.yu1srs.org.rs/2013/rules.html>

ARRL SSB Rookie Roundup

18:00 UTC - 23:59 UTC 21 April

Mode: SSB

Bands: 80, 40, 20, 15, 10, 6m

Classes: Single Op Rookie; Multi-Op Rookie; Non-Rookies

Max power: 100 watts

Exchange: Name, 2-digit year first licensed and state, province, XE area or DX

Work stations: Once per band

QSO Points: 1 point per QSO with non-rookie; 2 points per QSO with rookie

Multipliers: Each US state and DC once; Each VE province once; Each XE call area once; One DX once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23:59 UTC 24 April 2013

E-mail logs to: (none)

Post log summary at:

http://www.b4h.net/arrlrr/rr_scoresubmission.php

Mail logs to: (none)

Find rules at:

<http://www.arrl.org/rookie-roundup>

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 22 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once

Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 28 April 2013

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

Next Week's Contest

SKCC Sprint, 00:00 - 02:00 UTC 24 April

CWops Mini-CWT, 13:00 - 14:00, 19:00 - 20:00 UTC 24 April, 03:00 - 04:00 UTC 25 April

NCCC Sprint Ladder, 02:30 - 03:00 UTC 26 April

10-10 Int. Spring Contest, Digital 00:01 UTC 27 April to 23:59 UTC 28 April

SP DX RTTY Contest 12:00 UTC 27 April to 12:00 UTC 28 April

Helvetia Contest 13:00 UTC 27 April to 12:59 UTC 28 April

QRP to the Field 15:00 UTC 27 April to 03:00 UTC 28 April

Florida QSO Party, 16:00 UTC 27 April to 01:59 UTC 28 April 12:00 - 21:59 UTC 28 April

BARTG Sprint 75, 17:00 UTC-21:00 UTC 28 April

History This Week for the week starting 15 April

1474 The Venetian Patent Law, the first of its kind in the world was enacted

1703 Edinburgh Fire Brigade, one of the first in Scotland, was formed

1892 The first Duryea automobile was operated by pioneer manufacturer Charles E. Duryea

1904 A rocket apparatus for taking photographs was patented in the US by Alfred Maul of Dresden

1897 A US patent was issued for a "Submarine Vessel" invented by Simon Lake

1941 Igor Ivor Sikorsky made the first helicopter flight for over one-hour in his Vought-Sikorsky VS-300

1956 The first practical black-and-white video recorder was demonstrated in Chicago

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslite, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News

